

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	218	(SPM or (scanning adj probe adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:24
S2	218	(SPM or (scanning adj probe adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 09:08
S3	36	("20010008272"   "20020149782"   "20020165636"   "20030133104"   "20030194820"   "20040018653"   "20040070772"   "20040080757"   "20040109165"   "20040147048"   "4408884"   "5091320"   "5164790"   "5216235"   "5262643"   "5307693"   "5362585"   "5394500"   "5501637"   "5517027"   "5699447"   "5739909"   "5756887"   "5801381"   "5835221"   "5955654"   "6016684"   "6229609"   "6407373"   "6421457"   "6522776"   "6552337"   "6658922"   "6743646"   "6744057"   "6744648").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 08:55
S4	2	(SPM or (scanning adj probe adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 09:09
S6	1087	(SPM or (scanning adj probe adj microscope))	JPO	OR	OFF	2006/04/03 09:10
S7	40	(SPM or (scanning adj probe adj microscope)) and (etch\$ or (ion adj beam))	JPO	OR	OFF	2006/04/03 09:15
S8	87	(SPM or (scanning adj probe adj microscope)) and (etch\$ or (ion adj beam))	EPO; DERWENT	OR	OFF	2006/04/03 09:25
S9	5	(AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam))	JPO	OR	OFF	2006/04/03 09:27
S10	655	(AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 09:31
S11	102	(AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) and (repair\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 09:57

## EAST Search History

S12	2	(AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) and (repair\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 10:15
S13	0	(AFM or (atomic adj force adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) and (cross adj section\$3)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 10:32
S14	63	(spm or (scanning adj probe adj microscope)) and (FIB or (focus\$5 adj ion adj beam)) and (cross adj section\$3)	USPAT; USOCR	OR	OFF	2006/04/03 10:33
S15	36	("20010008272"   "20020149782"   "20020165636"   "20030133104"   "20030194820"   "20040018653"   "20040070772"   "20040080757"   "20040109165"   "20040147048"   "4408884"   "5091320"   "5164790"   "5216235"   "5262643"   "5307693"   "5362585"   "5394500"   "5501637"   "5517027"   "5699447"   "5739909"   "5756887"   "5801381"   "5835221"   "5955654"   "6016684"   "6229609"   "6407373"   "6421457"   "6522776"   "6552337"   "6658922"   "6743646"   "6744057"   "6744648").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 10:36
S16	27	((SPM or (scanning adj probe adj microscope)) same sidewall) and (etch\$5 or sputter\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 10:49
S17	1	((SPM or (scanning adj probe adj microscope)) same sidewall) and (etch\$5 or sputter\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 10:49
S18	51	((SPM or (scanning adj probe adj microscope)) same wall) and (etch\$5 or sputter\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 10:51
S19	2	((SPM or (scanning adj probe adj microscope)) same wall) and (etch\$5 or sputter\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 10:51
S20	3	((AFM or (atomic adj force adj microscope)) same wall) and (etch\$5 or sputter\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 10:52
S21	3	((AFM or (atomic adj force adj microscope)) same wall) and (etch\$5 or sputter\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 10:54
S22	196	((AFM or (atomic adj force adj microscope)) same wall) and (etch\$5 or sputter\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:03

## EAST Search History

S23	1	"6207575".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:02
S24	10	("5382795"   "5420796"   "5426302"   "5489774"   "5497656"   "5517027"   "5606190"   "5621652"   "5622596"   "5652428").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:02
S25	3	((AFM or (atomic adj force adj microscope)) same wall) and (etch\$5 or sputter\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 11:04
S26	0	((AFM or (atomic adj force adj microscope)) same wall) and (mirror adj finish\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 11:04
S27	0	((AFM or (atomic adj force adj microscope)) same wall) and (mirror adj finish\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:05
S28	172	((AFM or (atomic adj force adj microscope))) and (mirror adj finish\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:11
S29	14	((SPM or (scanning adj probe adj microscope))) and (mirror adj finish\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:12
S30	0	((SPM or (scanning adj probe adj microscope))) and (mirror adj finish\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 11:13
S31	1	"6207575".pn.	EPO; JPO; DERWENT	OR	OFF	2006/04/03 11:13
S32	1	"6207575".pn.	USPAT	OR	OFF	2006/04/03 11:13
S33	2	("6207575").URPN.	USPAT	OR	OFF	2006/04/03 11:13
S34	57	(SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5) and interconnect	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:47
S35	11	("4687940"   "4925755"   "5026664"   "5104684"   "5182231"   "5376883"   "5504340"   "5574280"   "6177670"   "6514881"   "6630395").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:31
S36	1	"20030071361"	US-PGPUB	OR	OFF	2006/04/03 11:32
S37	1	"20030071361" and spm	US-PGPUB	OR	OFF	2006/04/03 11:32

## EAST Search History

S38	34	("20010029070"   "20020000670"   "20020020868"   "20020020870"   "20020024141"   "20020055246"   "20020055256"   "4624864"   "4687940"   "4925755"   "5104684"   "5182231"   "5215824"   "5376883"   "5504340"   "5574280"   "5821160"   "5861328"   "6114186"   "6124164"   "6140672"   "6165833"   "6165834"   "6171925"   "6177670"   "6249014"   "6274388"   "6277708"   "6297173"   "6303952"   "6342733"   "6383920"   "6444564"   "6448622").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:38
S39	0	(SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (etch\$5 or sputter\$5) and interconnect	EPO; JPO; DERWENT	OR	OFF	2006/04/03 11:48
S40	0	(SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (mirror adj finish\$5)	EPO; JPO; DERWENT	OR	OFF	2006/04/03 11:49
S41	7	(SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (mirror adj finish\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 11:59
S42	42	(SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (FIB or (focused adj ion adj beam)) and (stepped)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 12:02
S43	806	(SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (sidewall)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 12:02
S44	273	(SPM or (scanning adj probe adj microscope) or afm or (atomic adj force adj microscope)) and (sidewall) and (Defect\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 13:20
S45	4	"6368425".pn. or "20040180608" or "20020036876"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 13:28
S46	1	"4925755".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 13:28

## EAST Search History

S47	19	("4925755").URPN.	USPAT	OR	OFF	2006/04/03 13:31
S48	5644	repair\$5 and (SPM or (scanning adj proce ajd microscope))	USPAT	OR	OFF	2006/04/03 13:32
S49	314	(repair\$5 adj5 defect) and (SPM or (scanning adj proce ajd microscope))	USPAT	OR	OFF	2006/04/03 13:32
S50	2	(repair\$5 adj5 defect) and (SPM or (scanning adj proce adj microscope))	USPAT	OR	OFF	2006/04/03 13:32
S51	2	(repair\$5 adj5 defect) and (SPM or (scanning adj process adj microscope))	USPAT	OR	OFF	2006/04/03 13:33
S52	11	(repair\$5 same defect) and (SPM or (scanning adj process adj microscope))	USPAT	OR	OFF	2006/04/03 13:34
S53	22	(repair\$5 and defect) and (SPM or (scanning adj process adj microscope))	USPAT; USOCR	OR	OFF	2006/04/03 13:38
S54	1	"4609809".pn.	USPAT; USOCR	OR	OFF	2006/04/03 13:38
S55	55	("4609809").URPN.	USPAT	OR	OFF	2006/04/03 13:39
S56	7	("4503329"   "4609809"   "4623256"   "4683378"   "4696878"   "4748327"   "4751169").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 13:59
S57	1	"6986280".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 13:59
S58	36	("20010008272"   "20020149782"   "20020165636"   "20030133104"   "20030194820"   "20040018653"   "20040070772"   "20040080757"   "20040109165"   "20040147048"   "4408884"   "5091320"   "5164790"   "5216235"   "5262643"   "5307693"   "5362585"   "5394500"   "5501637"   "5517027"   "5699447"   "5739909"   "5756887"   "5801381"   "5835221"   "5955654"   "6016684"   "6229609"   "6407373"   "6421457"   "6522776"   "6552337"   "6658922"   "6743646"   "6744057"   "6744648").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/03 13:59